

ARBO Seal Pro®

ARBOSIL LMS

Arbosil LMS is a one-part Neutral Cure Silicone Sealant which cures on exposure to moisture vapour to form an elastic silicone rubber.

Main Applications

Perimeter sealing of PVC-U frames, perimeter sealing of PPC frames, movement joints in brickwork, glazing insulating glass units, remedial glazing.

NB: not recommended for: overpainting

Glass to glass butt joints as wall use against natural stone.

Application Instructions

Joint Preparation

The joint surfaces must be clean, dry and free from all contamination. The surfaces should be degreased using the appropriate ARBO® Cleaner. ARBO Primer 2650 is recommended on porous surfaces such as brickwork. ARBO Primer may be required on other substrates. Consult ARBO Technical Services for specific primer advice.

Joint Backing

Where applicable, use closed cell, cross-linked polyethylene foam. All joint preparation, priming, and sealant application should be carried out in accordance with BS8000-16:1997 + A1:2010 the British Standard for the sealing of joints in buildings using sealants.



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Application

Arbosil LMS is supplied in polyethylene 310 and 380ml cartridges and can be applied into the joint using an ARBO caulking gun.

Joint Size Suitability

Joint width

Minimum 6mm.

Maximum 25mm (single application);
50mm (multiple applications).

Joint depth

Minimum 10mm on porous substrates.

Minimum 6mm on non-porous substrates.

Maximum 15mm

Width: Depth ratio (within above min/max restrictions).

2:1 butt joints

1:1 lap joints/floor joints

Health and Safety

Please consult the Safety Data Sheet for full information.

Storage Life

12 months in original unopened packaging stored in a cool, dry place out of direct sunlight.

Packaging

25 x 310ml or 380ml Polyethylene cartridges per box. Polyethylene nozzles are included in each box.

Accessories

Primers

ARBO Primer 2650 (500ml tin).

Yield approximately 125 metres per tin.

Cleaners

ARBO Cleaner No.17- 1 Litre tin.

(Xylene based – not suitable for use with plastics or delicate finishes)

ARBO Cleaner No. 16 - 1 Litre tin
(Alcohol Based).

Ancillary Equipment

Polyethylene nozzles

ARBO caulking guns

Technical Data

Skin Time at 20° C/65 % RH:	10-20 minutes
Application Temperature:	+ 5° C to + 40° C
Service Temperature:	- 40° C to + 120° C
Typical Shore Hardness:	25-30
Cure Rate at 20° C/65 % RH:	2mm/24 hours
Chemical Resistance:	Resistant to most alkalis and dilute acids; organic solvents may cause the sealant to swell and lose adhesion.
UV Resistance:	Very good
Service Life:	25 years +
Movement Accommodation:	Butt joints (movement in tension and compression): 50 %. Lap joints (movement in shear): 100 %
Colours	White, Black, Grey, RAL 7016, RAL 7022, Light Grey, Anthracite, Brown, Buff, Dark Bronze, Portland, Rustic Red, Magnolia. Other colours are available subject to minimum quantities and lead times. Please contact ARBO Technical Services for further details.

Specification Compliance

BS EN ISO 11600 – F/G – 25 LM
BS 5889 Type A: 1989

Quantity Estimator

Joint Size (mm)	Metre/Litre
6 x 6	27.8
9 x 6	18.5
12 x 9	9.3
18 x 10	5.6
25 x 10	4.0

Important: The information in this leaflet is given in good faith and based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. It is the user and specifier's responsibility to ensure ARBO product is suitable for the intended use: consult ARBO Technical Services for specific advice. Goods are supplied subject to the Company's terms and conditions of sales, a copy of which is available on request.

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